

20100907 12:48:50

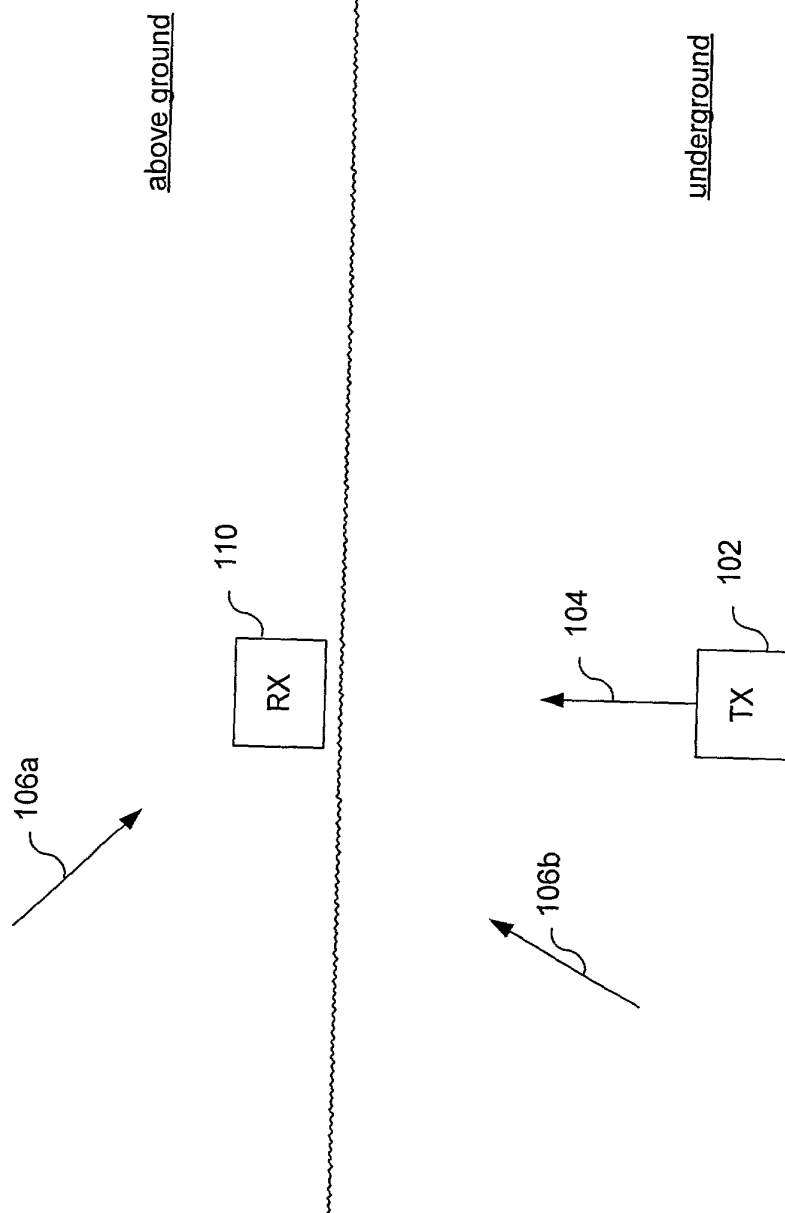


FIG. 1

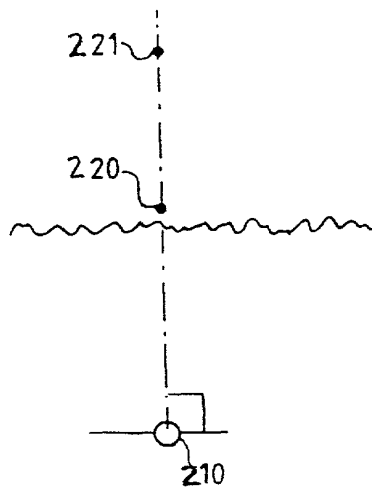


FIG. 2A

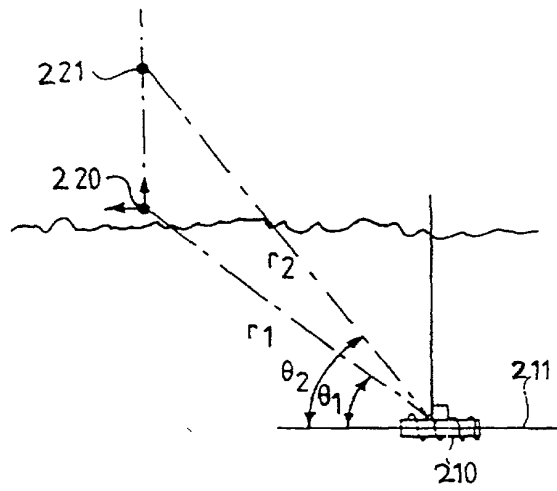


FIG. 2B

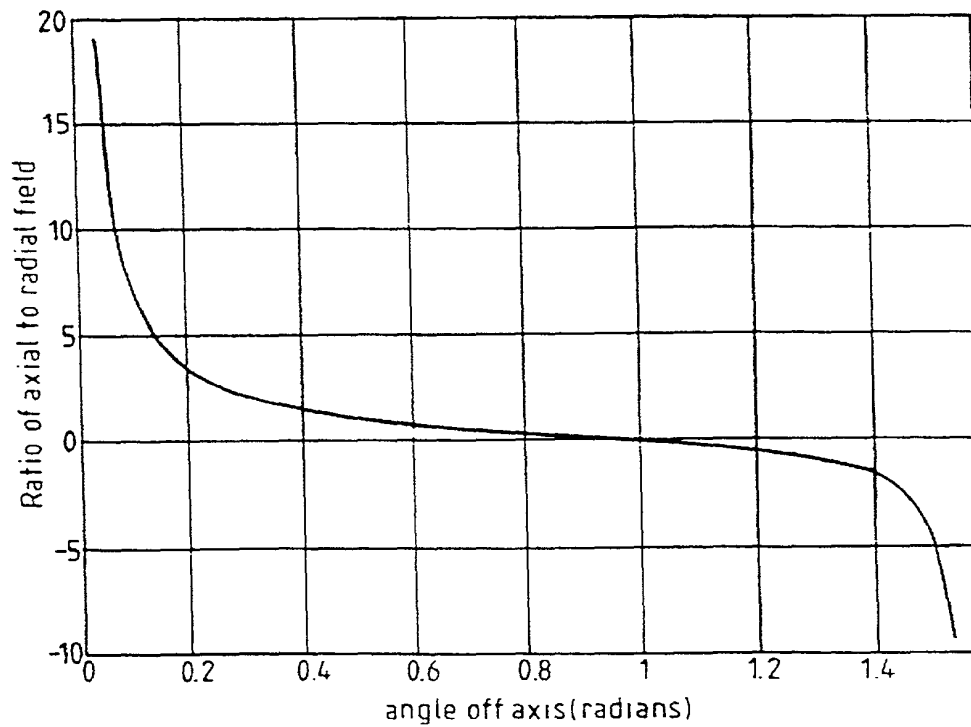


FIG. 3

09918724-080101

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Title Method and System For Recovering Information From A
Magnetic Field Signal Usable For Locating An Underground Object

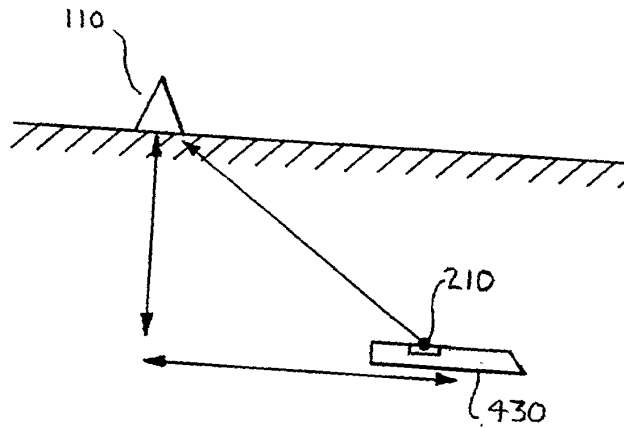


FIG. 4

09918724-080101

TOP SECRET 42487660

TRANSMIT DEVICE 102

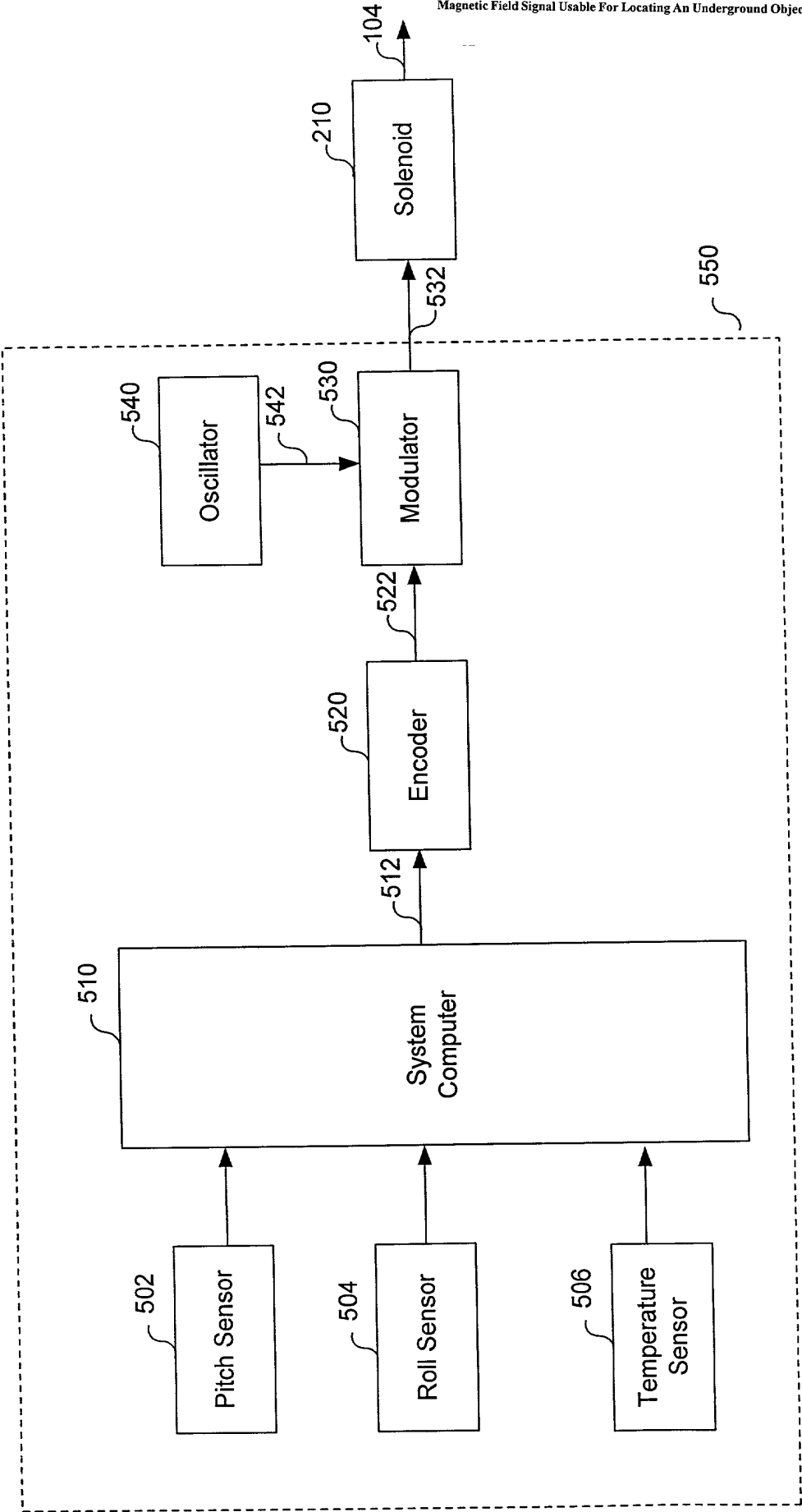


FIG. 5

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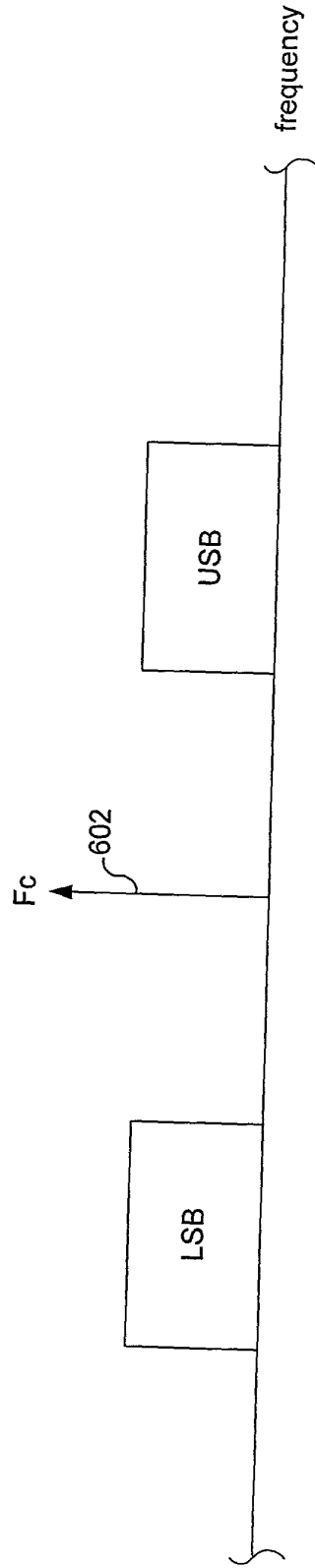


FIG. 6

RECEIVE DEVICE 110

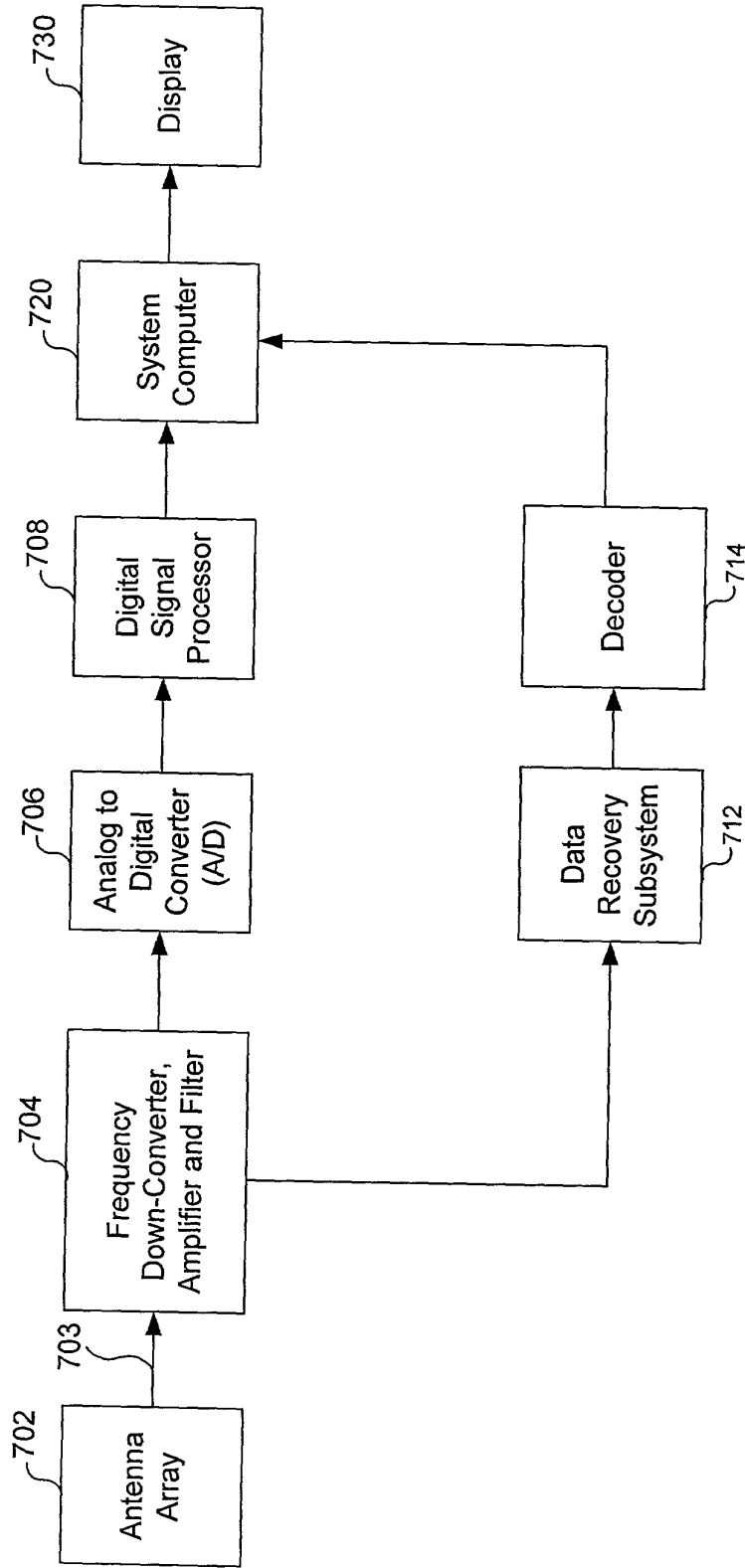


FIG. 7

DIGITAL SIGNAL PROCESSOR 708

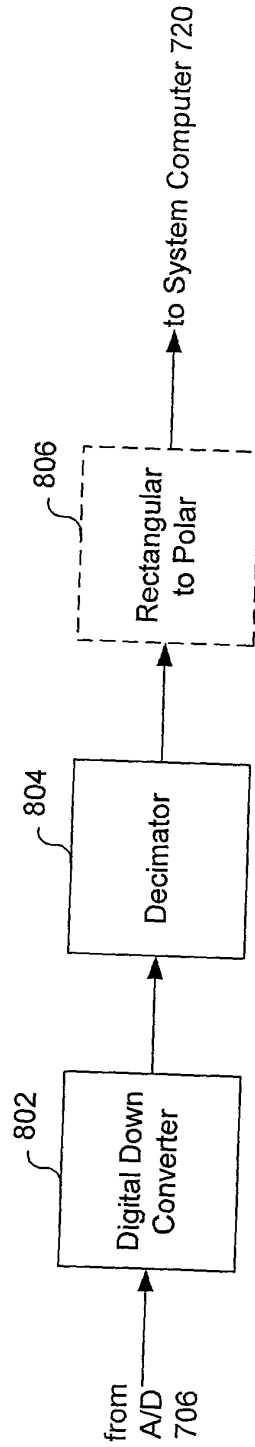
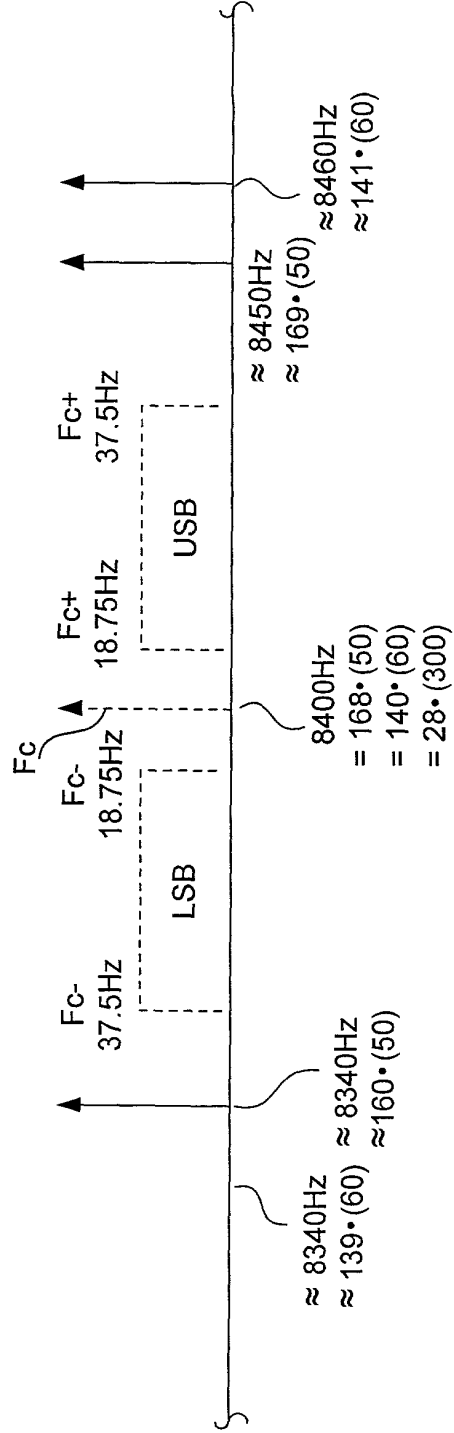
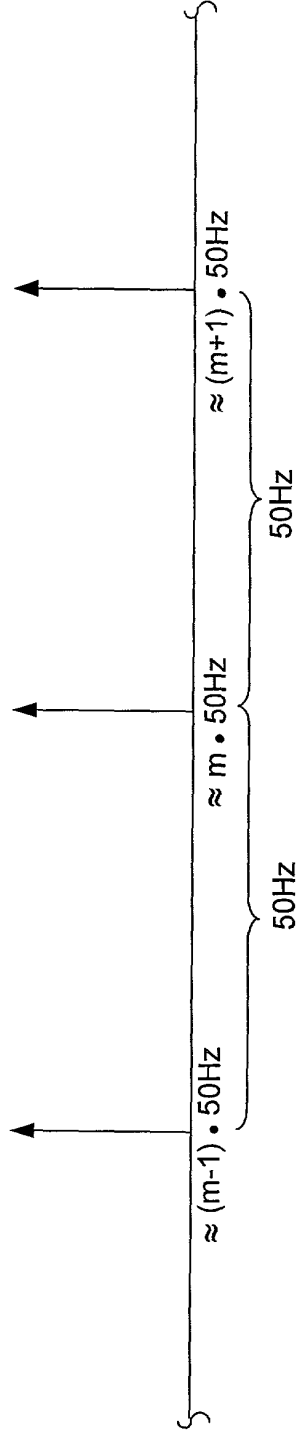
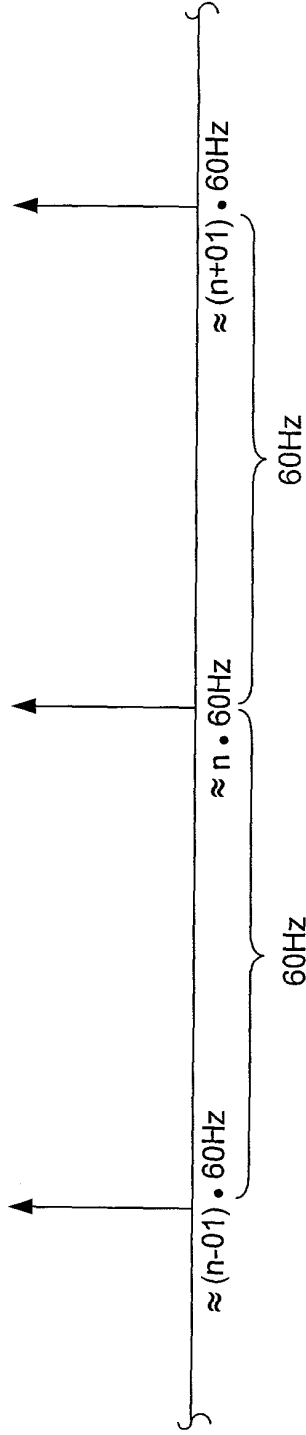


FIG. 8



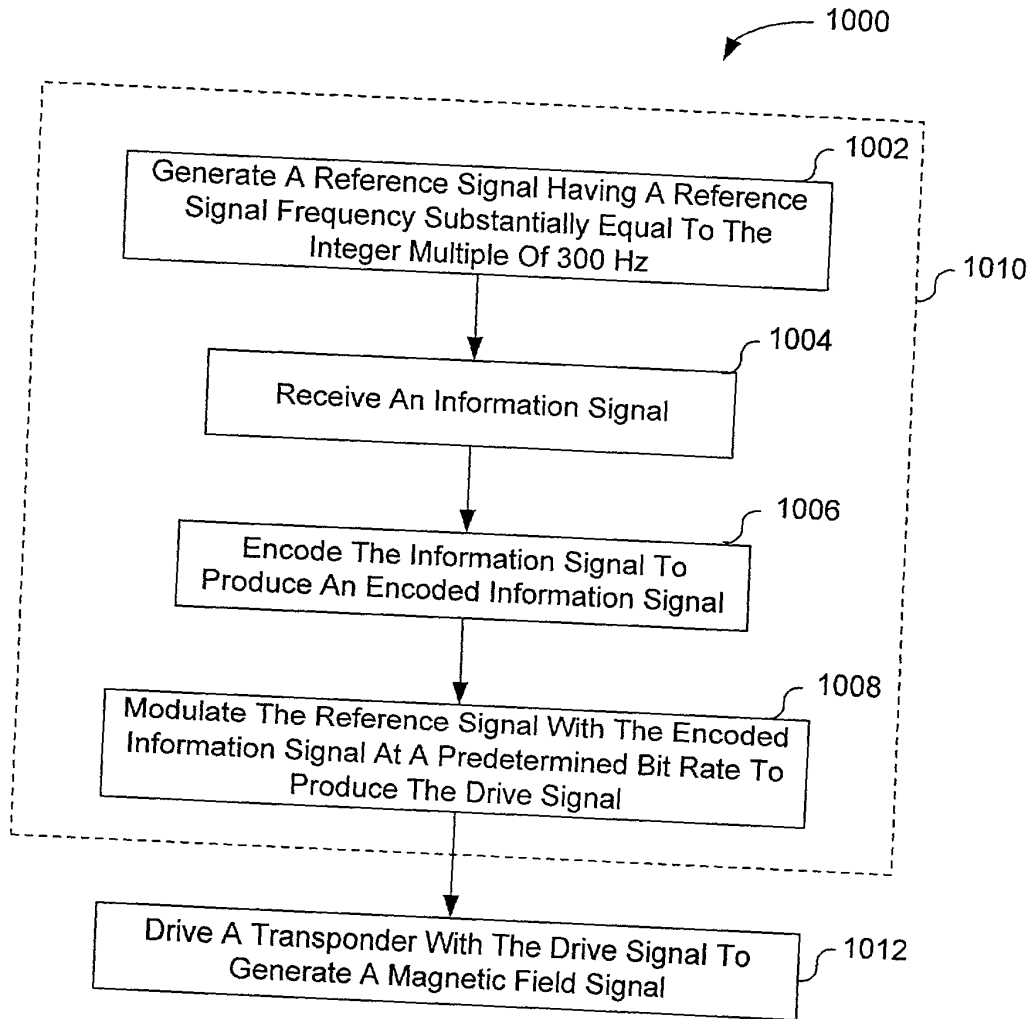


FIG. 10

05918724 "080101

FIG. 11A

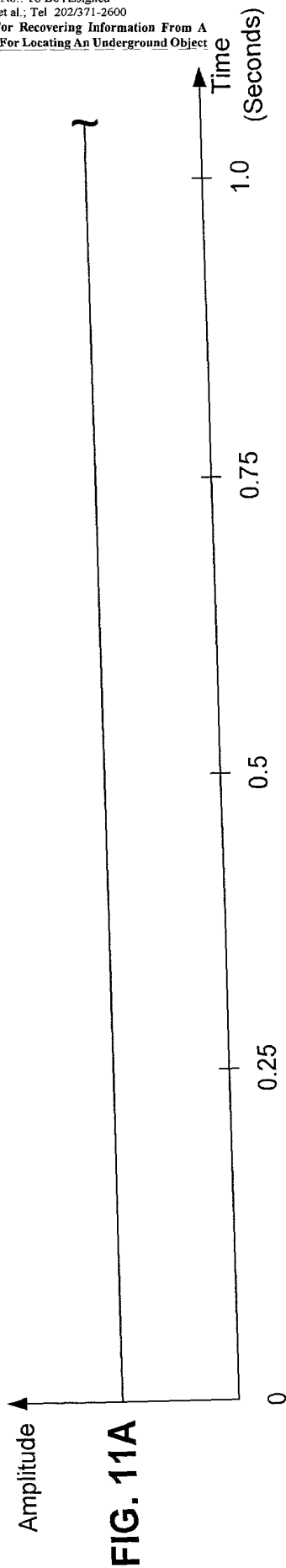


FIG. 11B

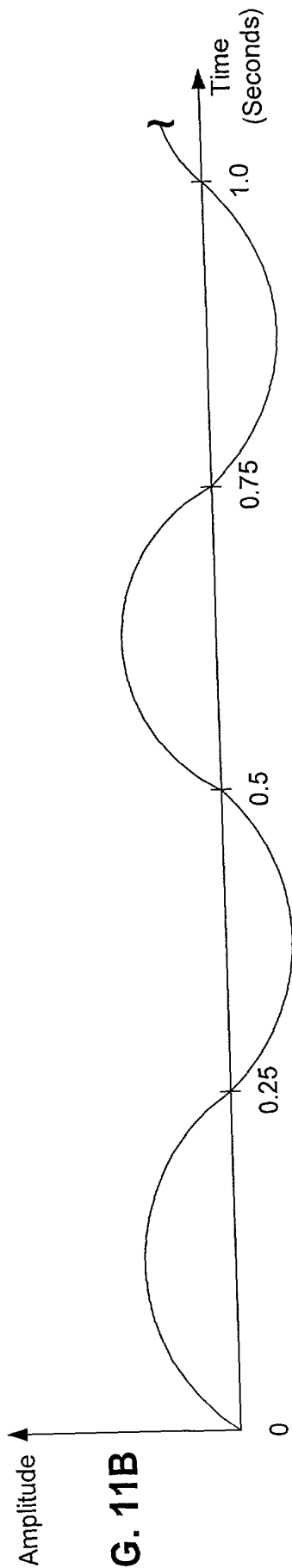
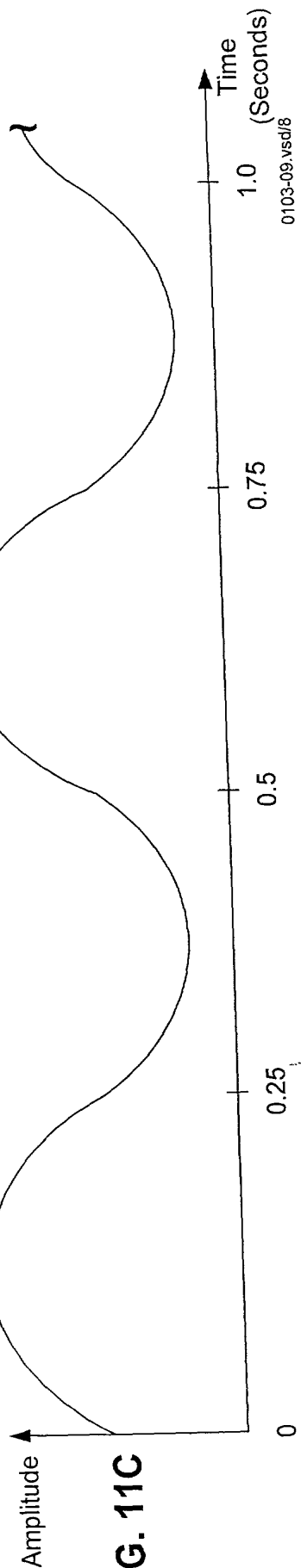


FIG. 11C



0103-09.vsd/8

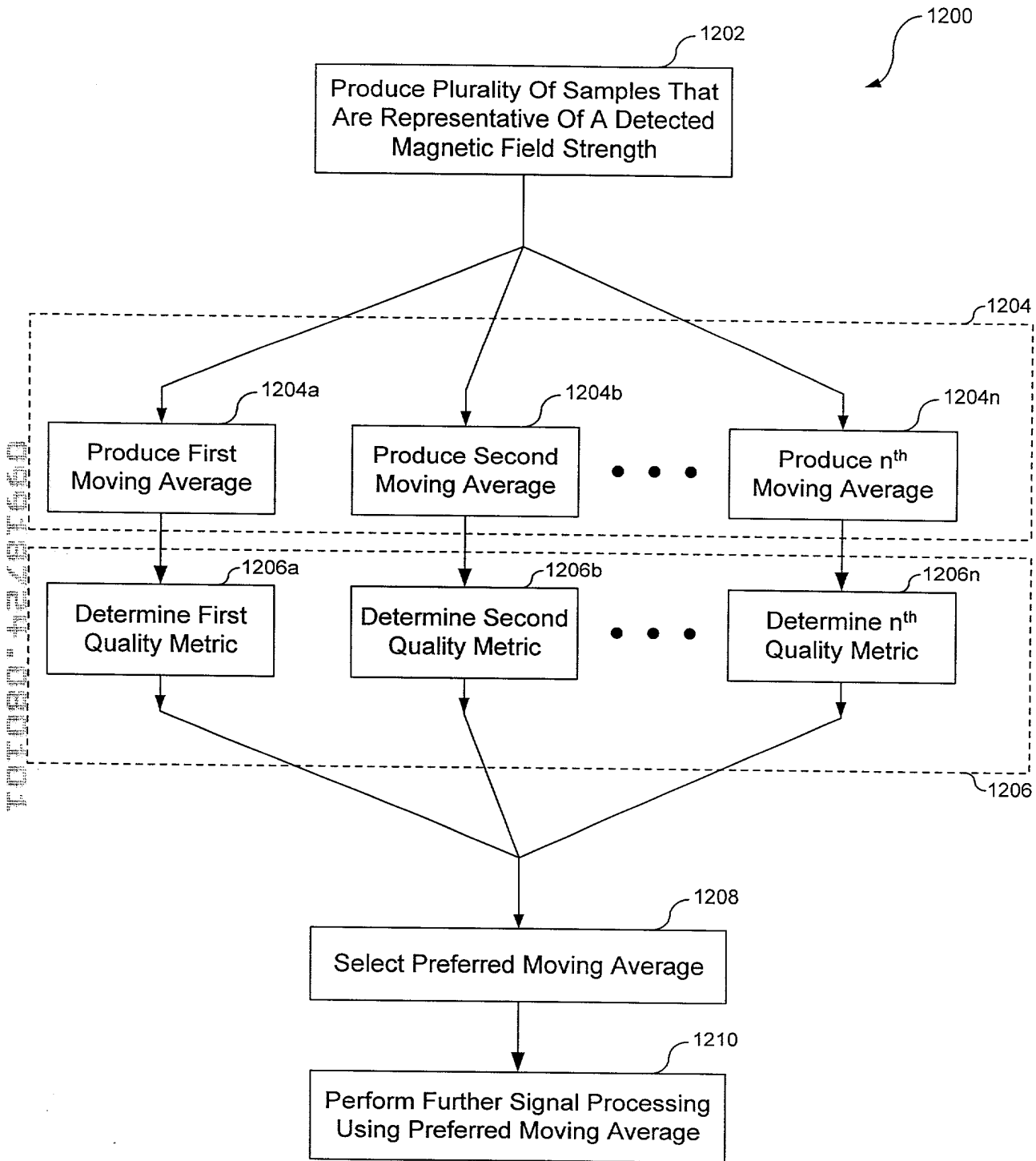


FIG. 12

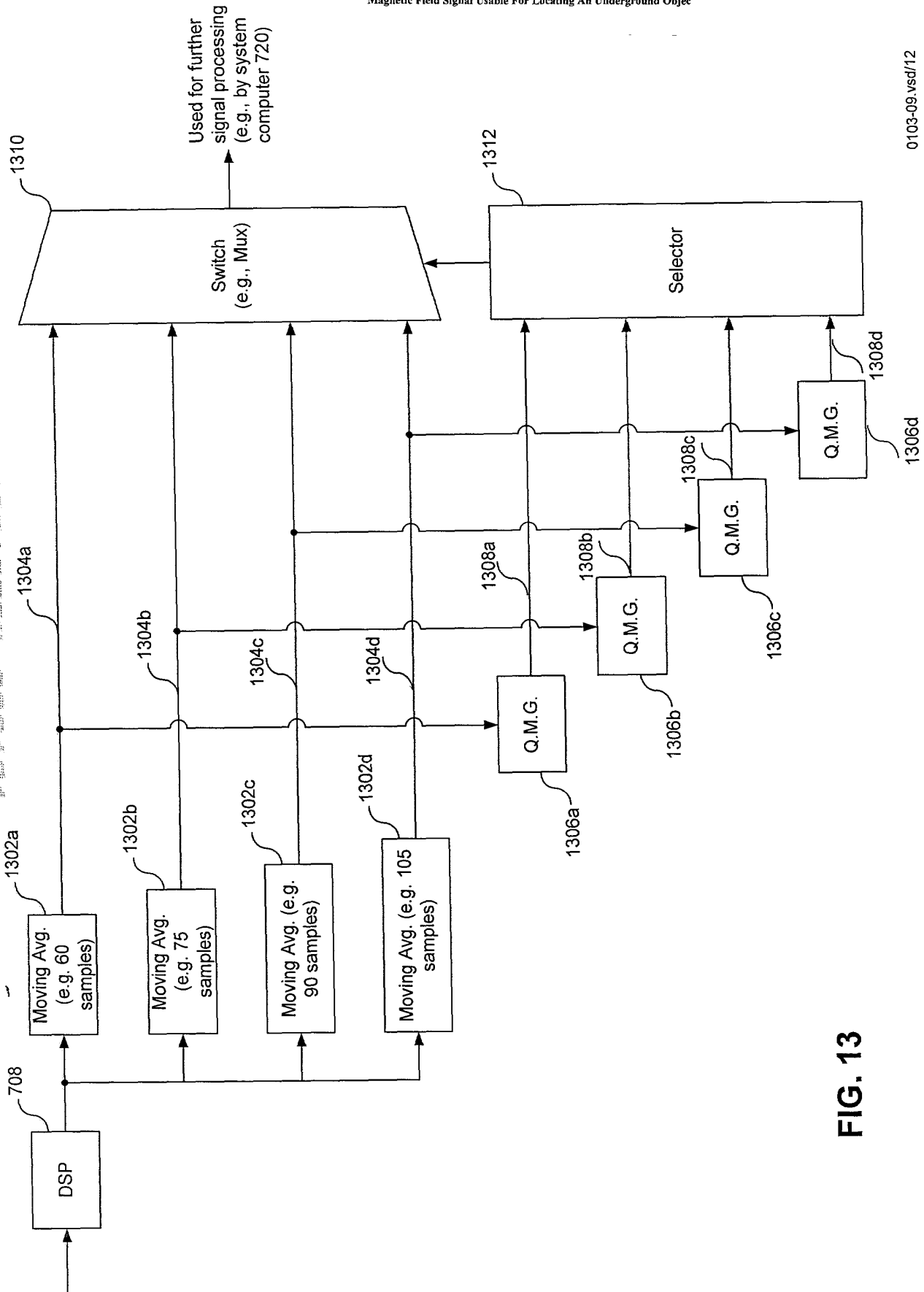


FIG. 13

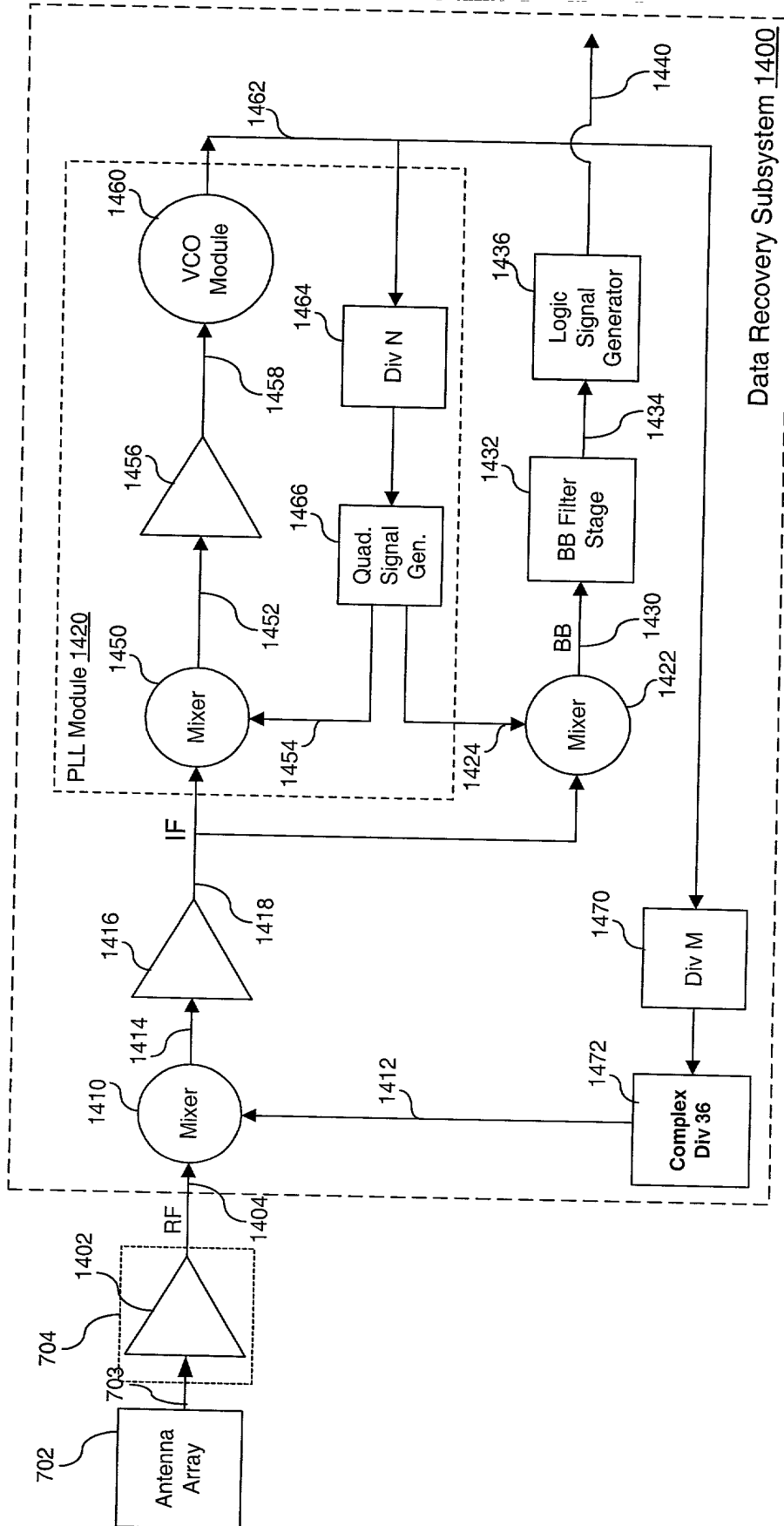
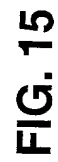


FIG. 14



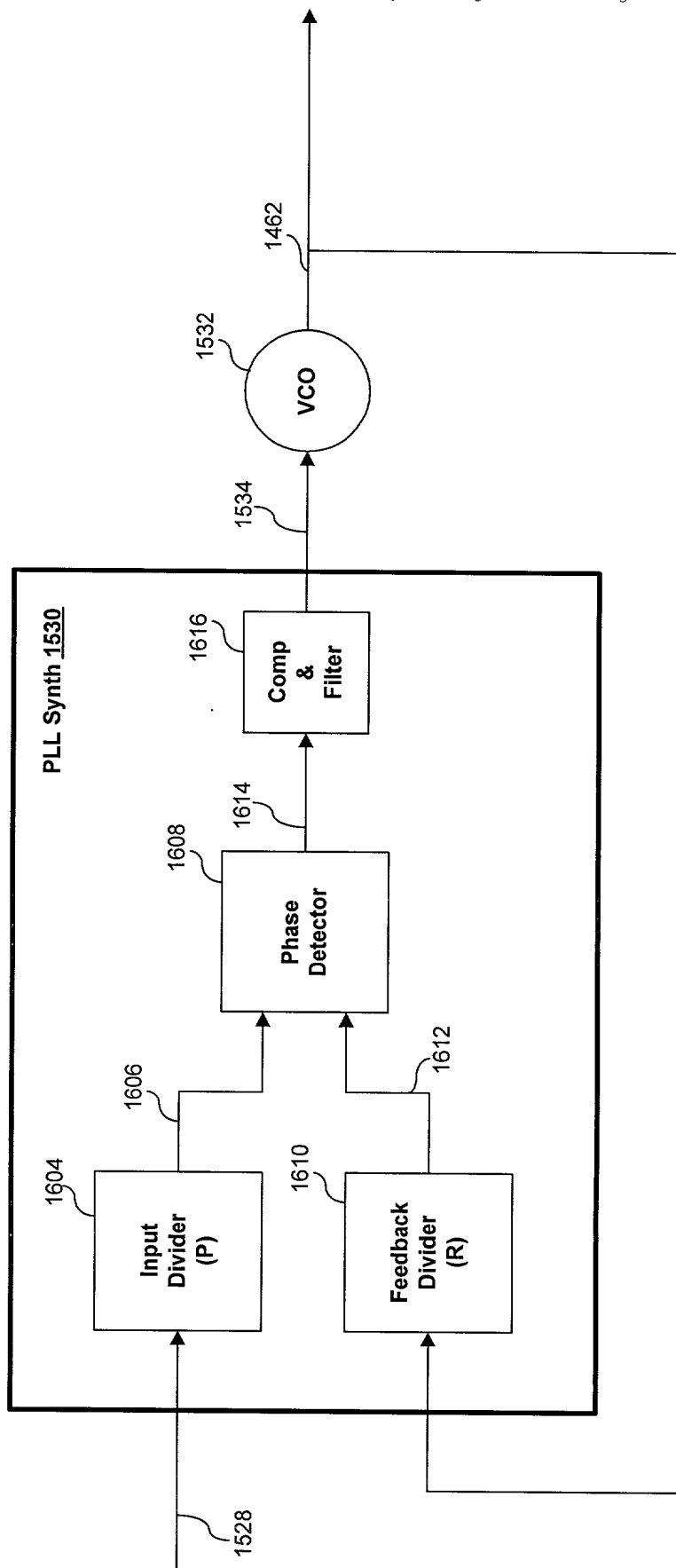


FIG. 16

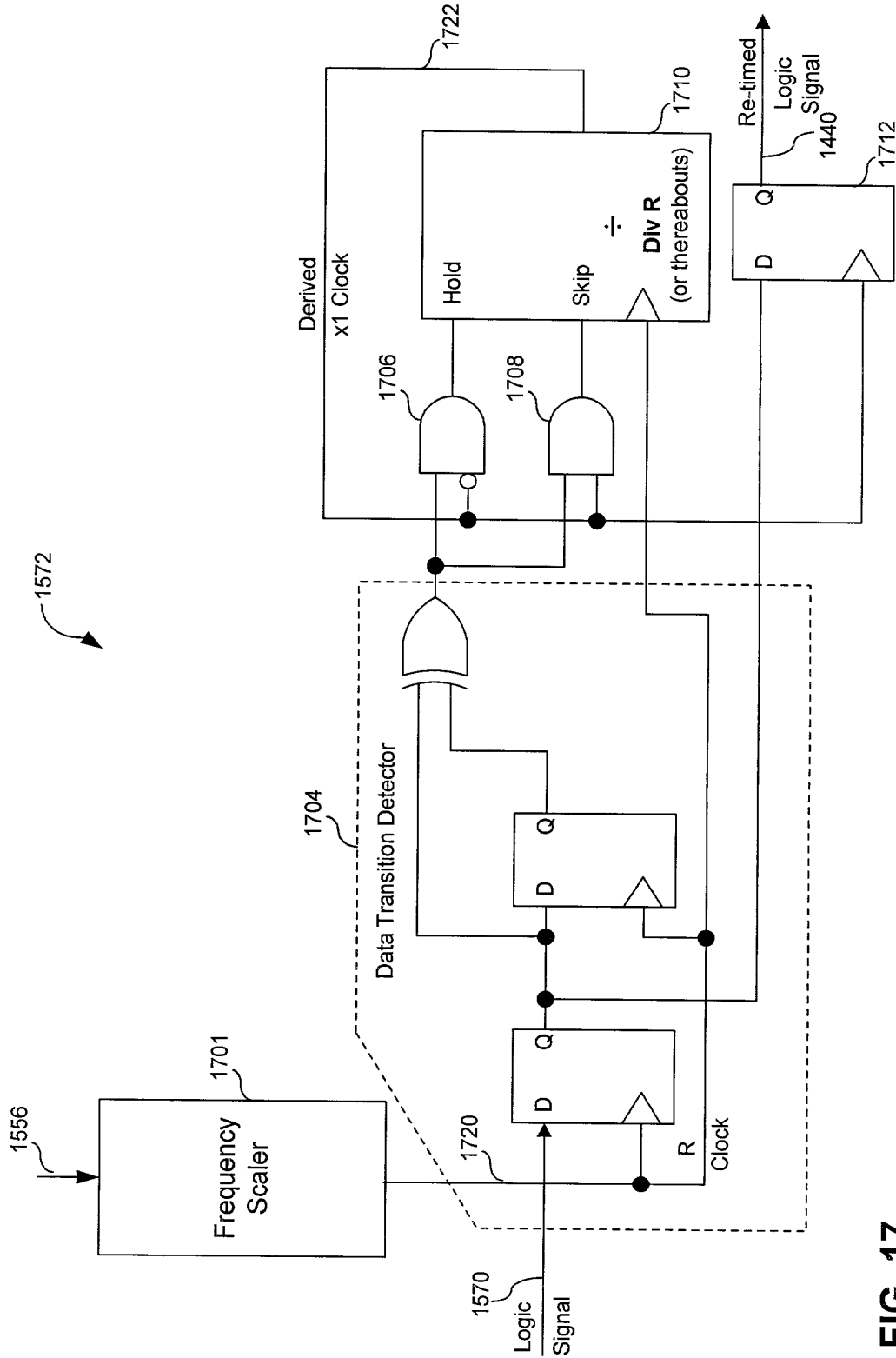


FIG. 17

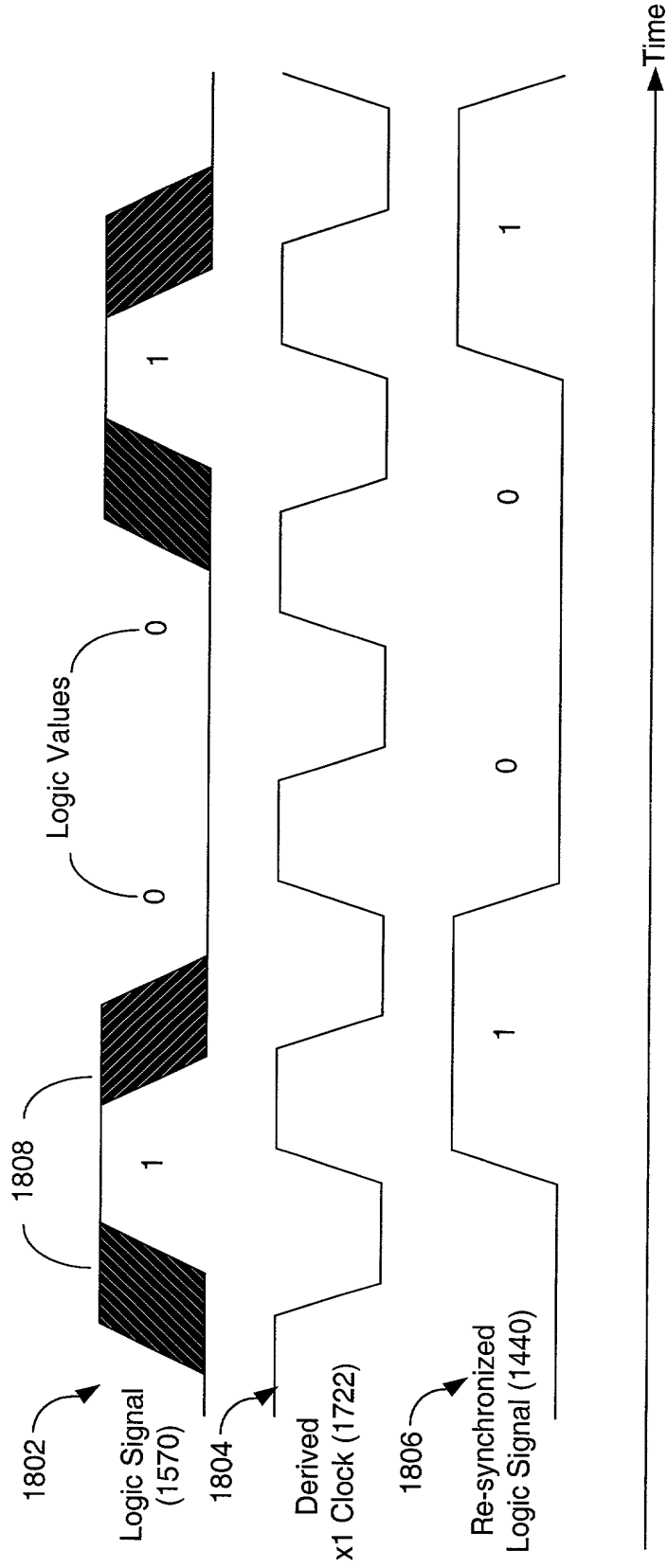


FIG. 18

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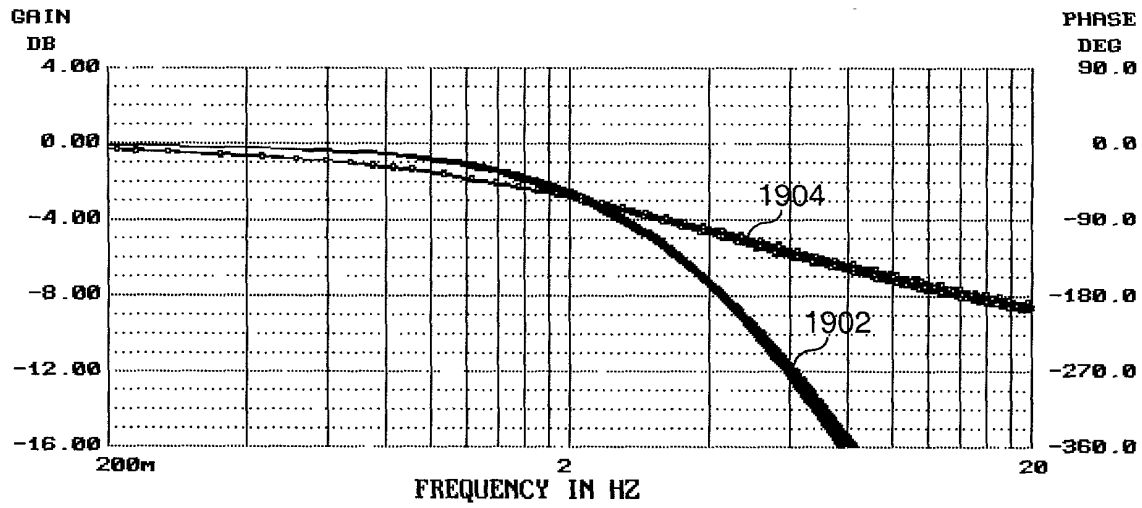


FIG. 19A

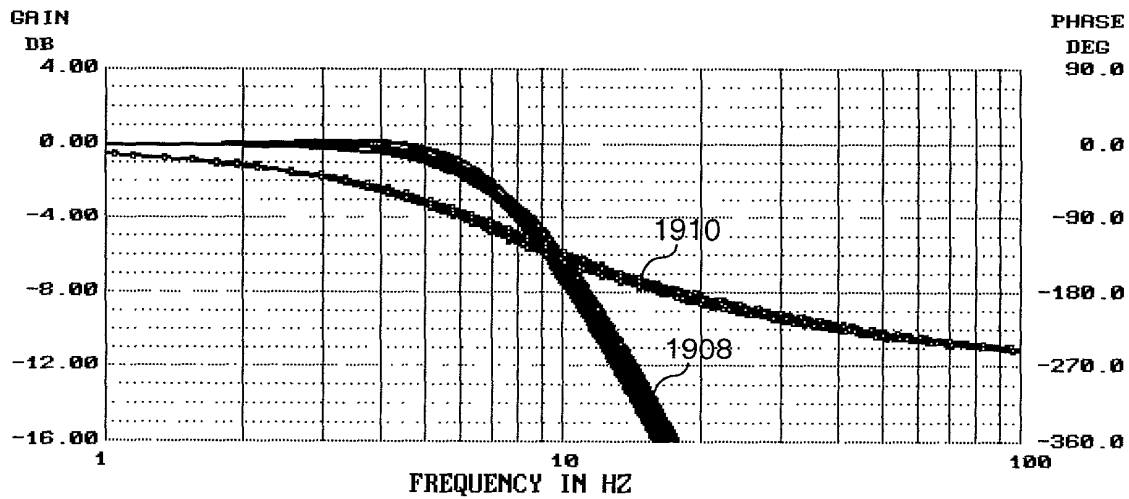


FIG. 19B

Appl No To Be Assigned, Group Art Unit To Be Assigned
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 Inventors Richard W FLING et al, Tel 202/371-2600
 Title Method and System For Recovering Information From A
 Magnetic Field Signal Usable For Locating An Underground Object

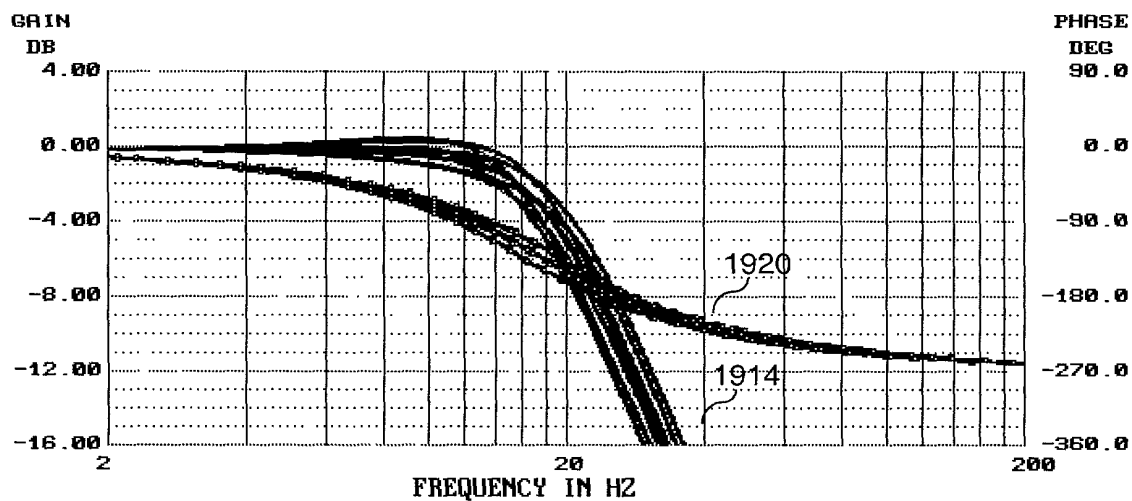


FIG. 19C

Appl No To Be Assigned, Group Art Unit To Be Assigned
 Dkt No 2037 0040000, Batch No To Be Assigned
 Inventors Richard W FLING et al, Tel 202/371-2600
 Title Method and System For Recovering Information From A
 Magnetic Field Signal Usable For Locating An Underground Object

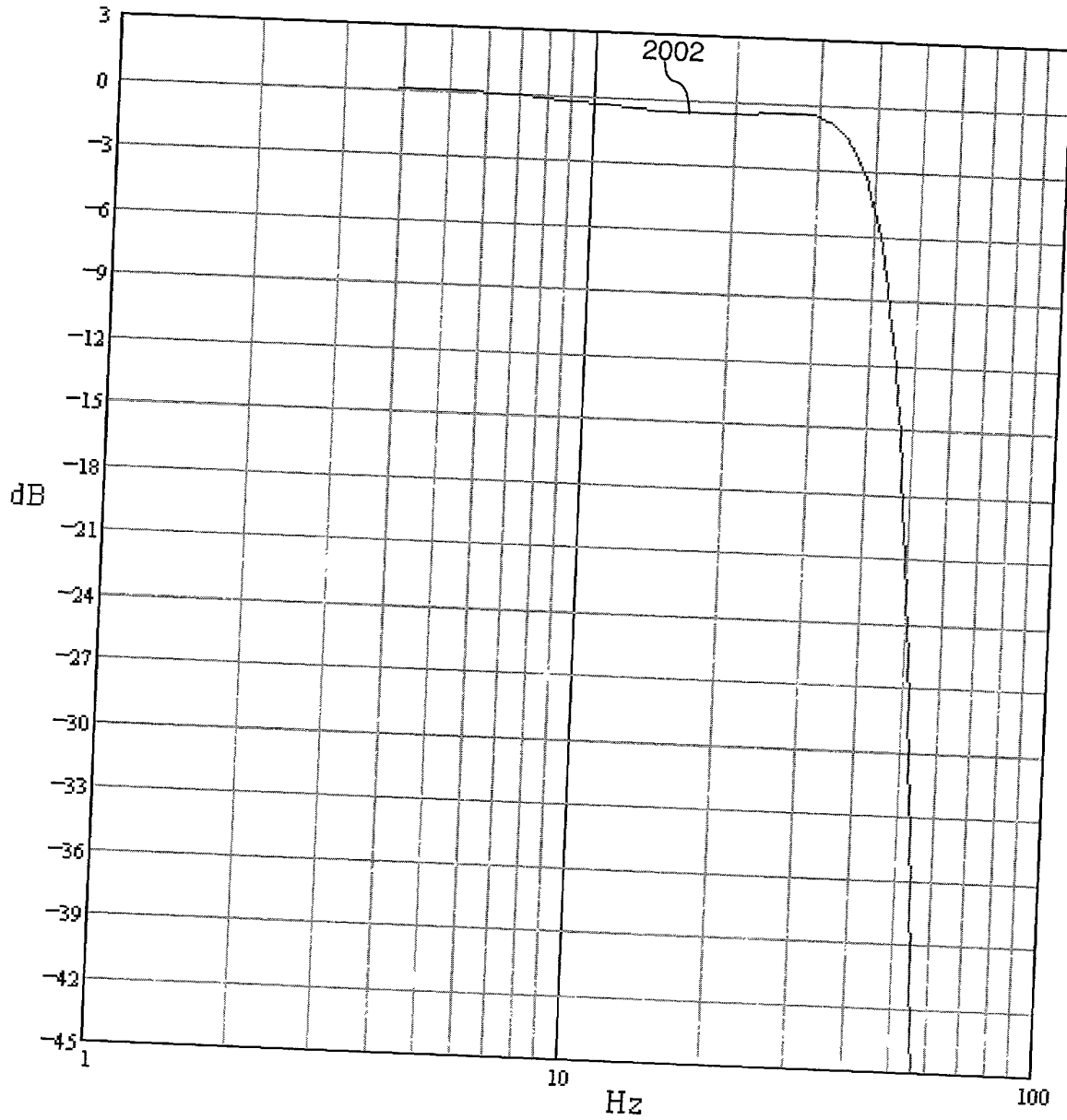


FIG. 20

2100

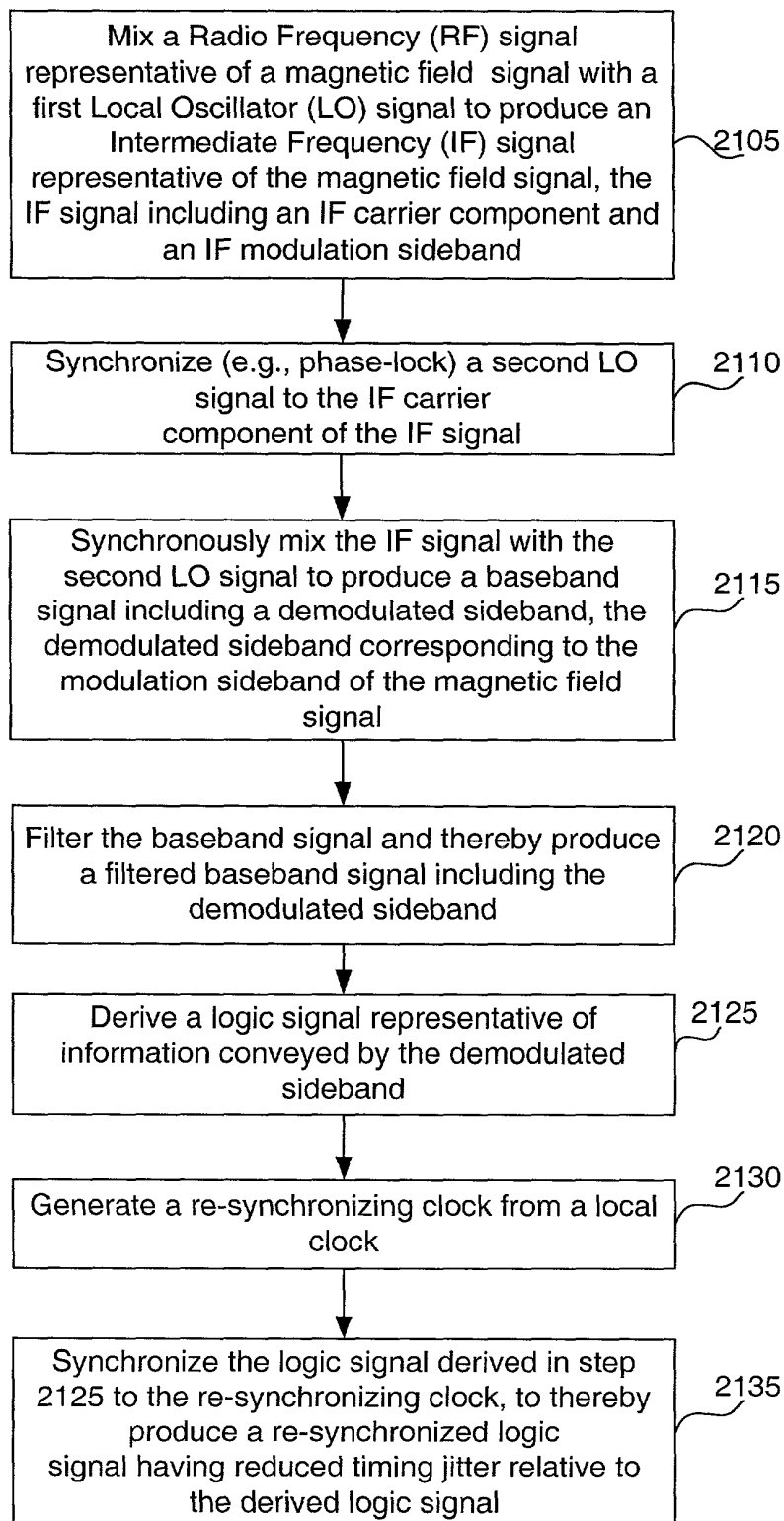
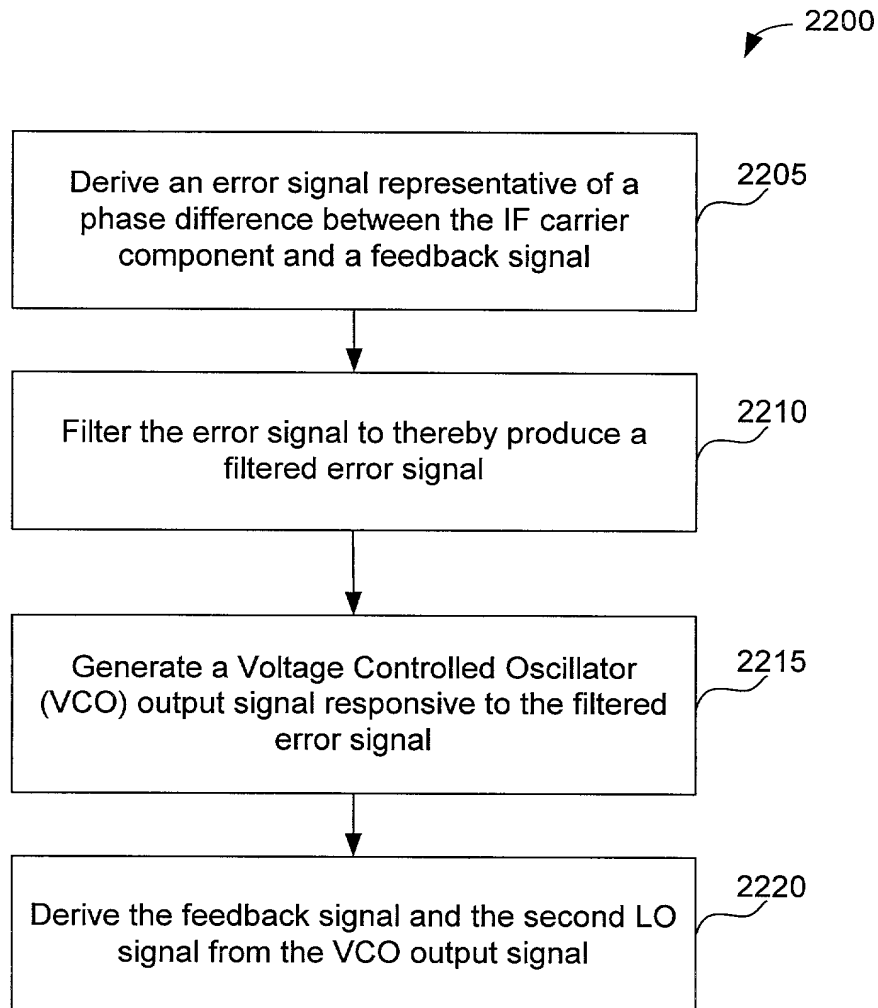


FIG. 21

**FIG. 22**